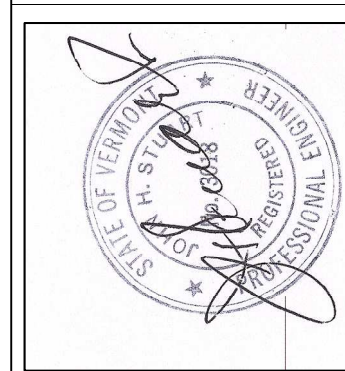


MICHAEL DIEFFENDERFER  
15 PLEASANT VALLEY ROAD UNDERHILL  
WASTEWATER SYSTEM DETAILS  
DRAWING 2 OF 08/01/2020



JH STUART ASSOCIATES  
22 TANGLEWOOD DRIVE P.O. BOX 8367  
ESSEX, VERMONT 05451 802-878-5171

DESIGN CRITERIA  
3 BEDROOMS X 140 GALLONS/BR = 420 GALLONS PER DAY (GPD)  
33 EMPLOYEES X 15 GPD/EMPL = 495 GPD  
915 GPD/ 2.0 GAL/SF/DAY = 458 SQUARE FEET  
458 SF/55F/LF = 92 LINEAR FEET (5' WIDE SEEPAGE BED)  
INSTALL MicroFAST 1.50 PRE-TREATMENT UNIT  
CONNECTIONS TO BE CAST INTO TANK WALLS. INSPECT SLUDGE DEPTH EVERY THREE YEARS, CLEAN WHEN SLUDGE DEPTH REACHES OR EXCEEDS TWELVE (12) INCHES.  
NO CHANGE OF TREATMENT EQUIPMENT OR TANKS SPECS IS PERMITTED WITHOUT WRITTEN APPROVAL FROM THE ENGINEER AND AN AMENDED WW PERMIT